Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053120\
Data File : VV016390.D
Acq On : 31 May 2020 16:14
Operator : SY/MD
Sample : L2780-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jun 01 07:20:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 07:14:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	71183	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	67925	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	28995	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	28507	4.57	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.40%			
7) Chloroethane-d5	1.58	69	22521	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.00%			
11) 1,1-Dichloroethene-d2	2.13	63	45609	4.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.80%			
20) 2-Butanone-d5	3.95	46	69781	51.90	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.80%			
24) Chloroform-d	4.38	84	50085	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
26) 1,2-Dichloroethane-d4	5.06	65	27598	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.60%			
32) Benzene-d6	5.08	84	99591	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.20%			
36) 1,2-Dichloropropane-d6	6.10	67	29950	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.60%			
41) Toluene-d8	7.34	98	83955	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
45) trans-1,3-Dichloropropene-	7.65	79	9791	4.55	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.00%			
48) 2-Hexanone-d5	8.12	63	48829	48.82	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.64%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	21528	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.20%			
65) 1,2-Dichlorobenzene-d4	11.65	152	28623	5.32	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.40%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	1170	0.165	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	6686	1.387	ug/L	95
12) 1,1-Dichloroethene	2.14	96	10641	2.323	ug/L #	34
13) Acetone	2.23	43	5388	5.957	ug/L	69
17) Methyl tert-butyl Ether	2.79	73	1468	0.137	ug/L #	90
19) 1,1-Dichloroethane	3.21	63	1700	0.177	ug/L	90
22) cis-1,2-Dichloroethene	3.94	96	956	0.178	ug/L	89
25) Chloroform	4.41	83	1130	0.118	ug/L	95
27) 1,2-Dichloroethane	5.07	62	680	0.107	ug/L #	76
29) 1,1,1-Trichloroethane	4.63	97	1066	0.133	ug/L	98
34) Trichloroethene	5.94	95	7451	1.413	ug/L	96
35) Methylcyclohexane	6.10	83	7420	0.874	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3769	0.741	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	753	0.112	ug/L #	80
46) trans-1,3-Dichloropropene	7.64	75	433	0.078	ug/L #	46
49) Tetrachloroethene	8.00	164	2342	0.606	ug/L	94
50) 2-Hexanone	8.12	43	6762	3.157	ug/L #	79

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053120\
Data File : VV016390.D
Acq On : 31 May 2020 16:14
Operator : SY/MD
Sample : L2780-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jun 01 07:20:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 07:14:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) Dibromochloromethane	8.00	129	2238	0.658	ug/L #	9
70) Naphthalene	13.53	128	3822	0.289	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053120\
Data File : VV016390.D
Acq On : 31 May 2020 16:14
Operator : SY/MD
Sample : L2780-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
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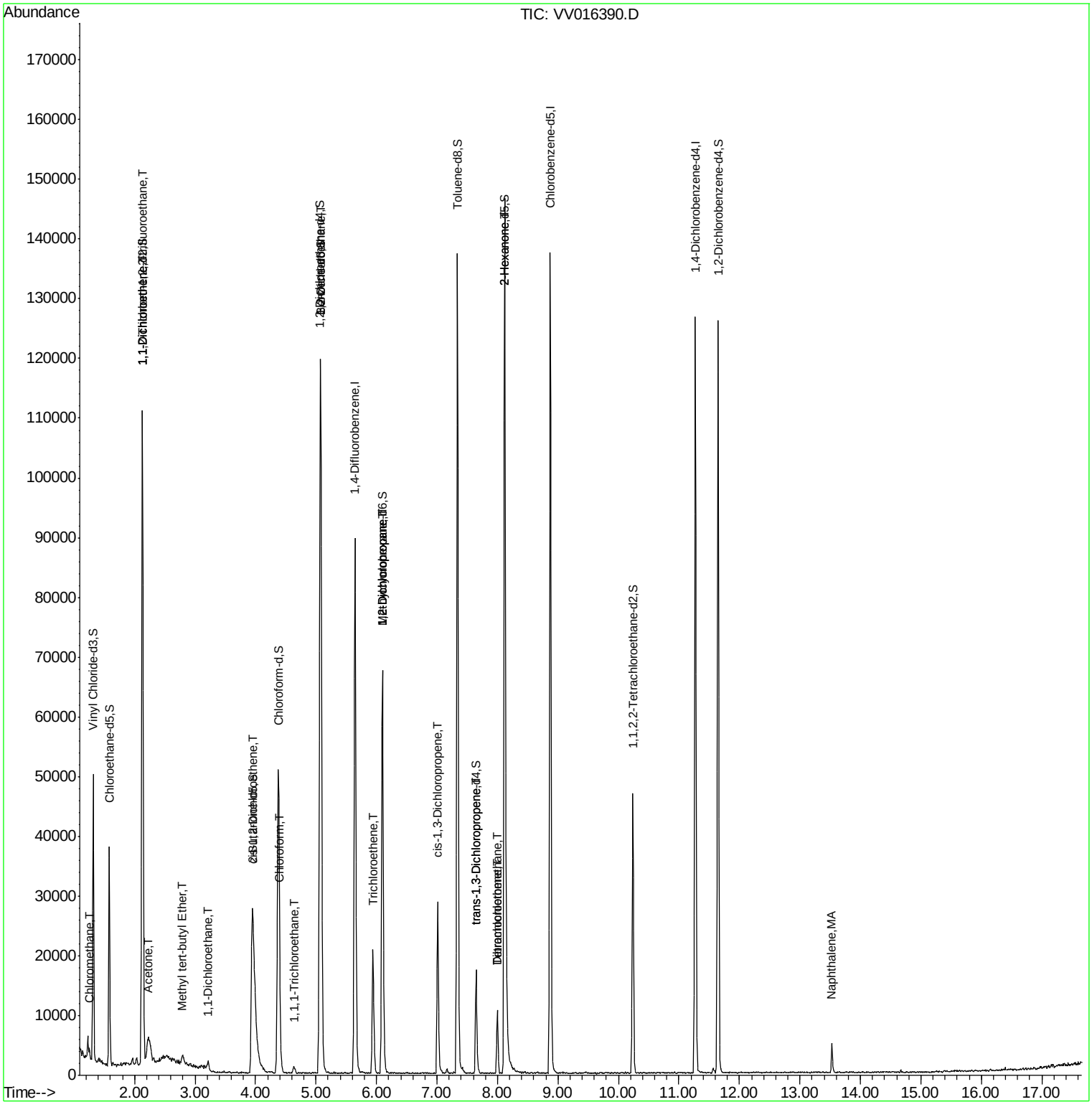
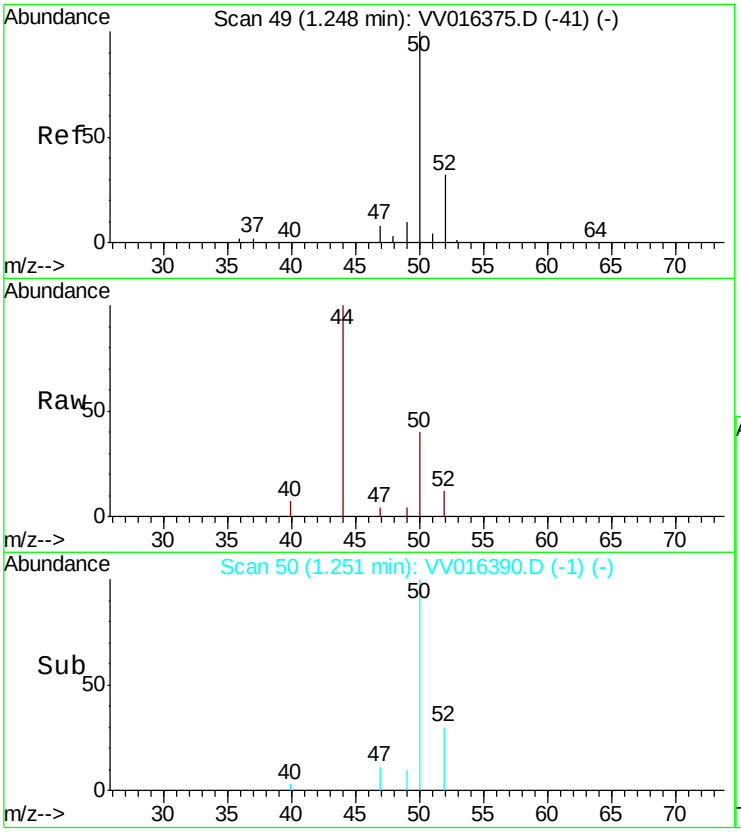
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 07:14:30 2020
Response via : Initial Calibration



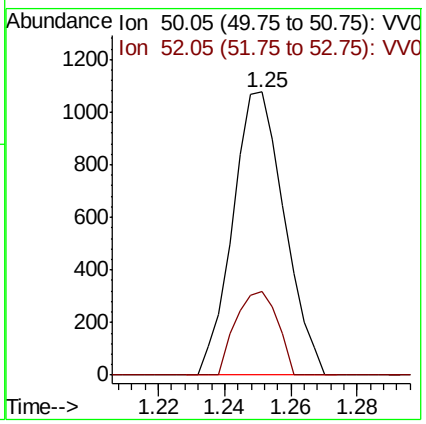


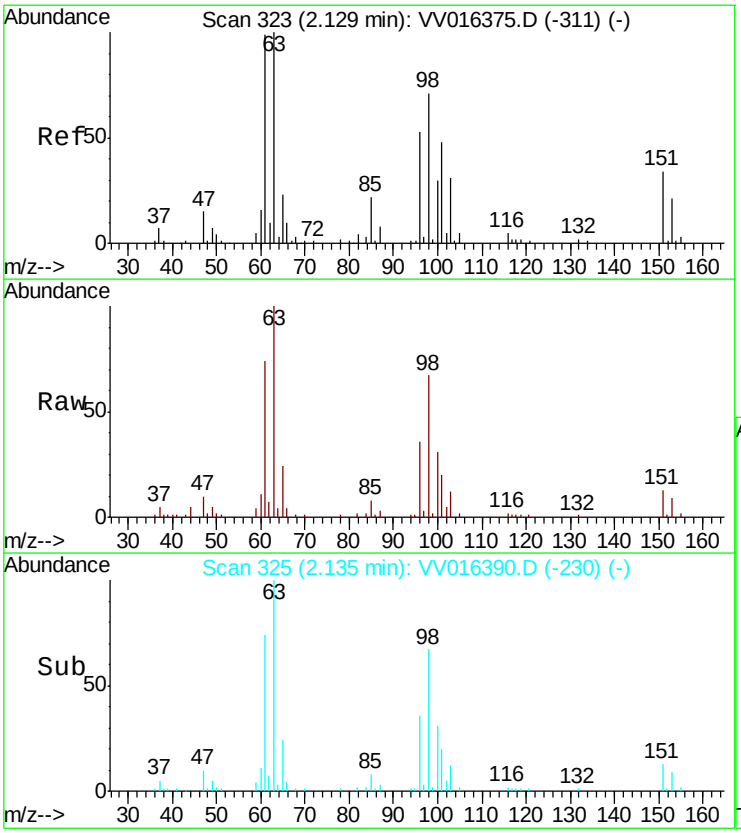
#3
Chloromethane
Concen: 0.165 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV016390.D
Acq: 31 May 2020 16:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 1170

Ion	Ratio	Lower	Upper
50	100		
52	29.6	23.1	42.9

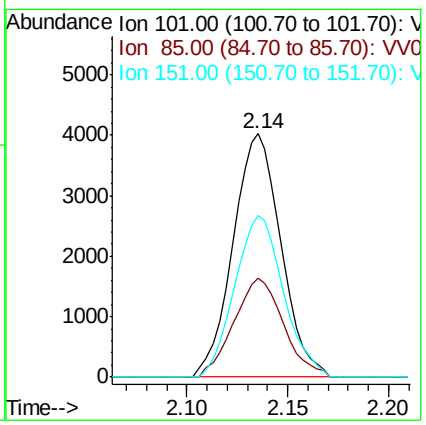


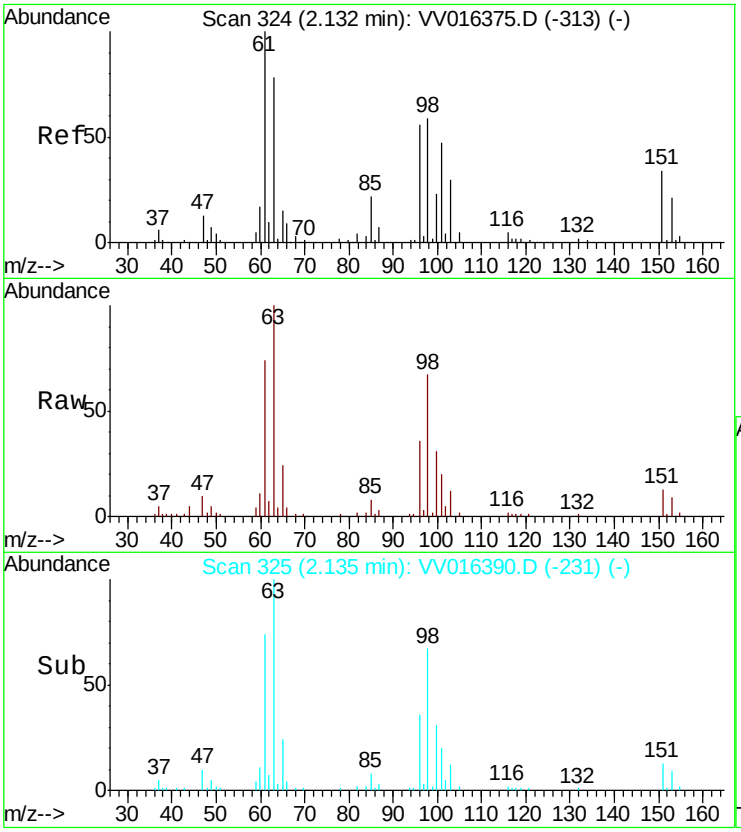


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.387 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.01 min
Lab File: VV016390.D
Acq: 31 May 2020 16:14

Tgt Ion:101 Resp: 6686

Ion	Ratio	Lower	Upper
101	100		
85	41.8	35.7	53.5
151	67.3	57.2	85.8



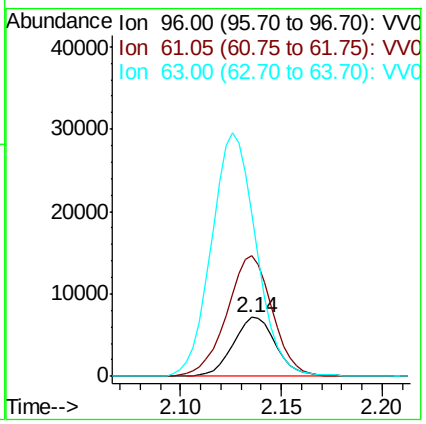


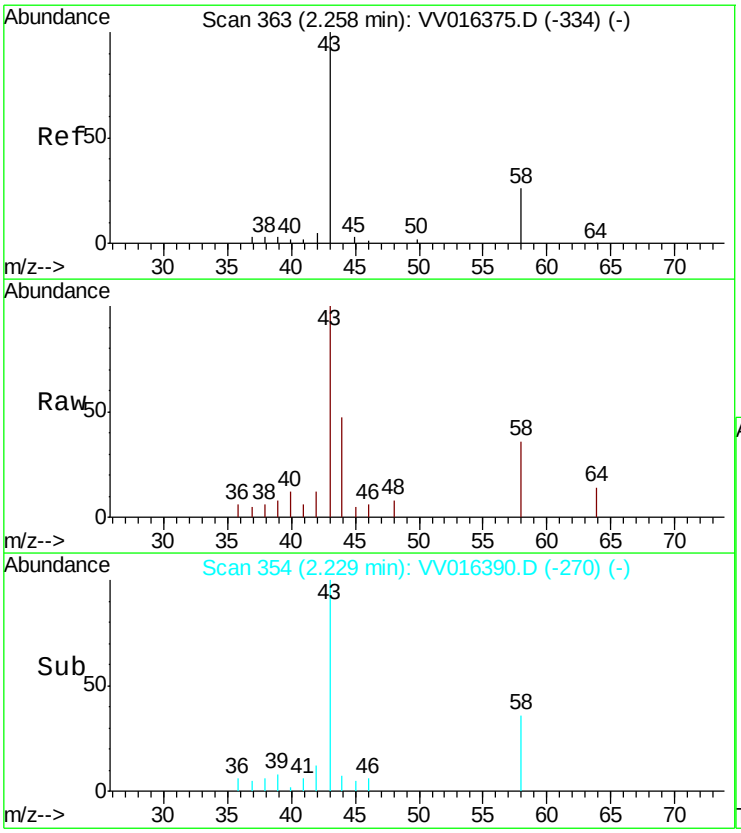
#12
1,1-Dichloroethene
Concen: 2.323 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV016390.D
Acq: 31 May 2020 16:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 10641

Ion	Ratio	Lower	Upper
96	100		
61	204.8	125.4	233.0
63	278.4	88.2	163.8#

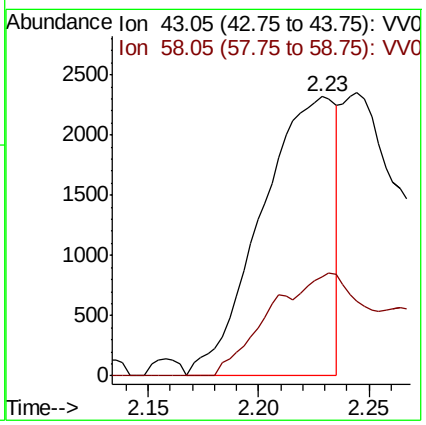


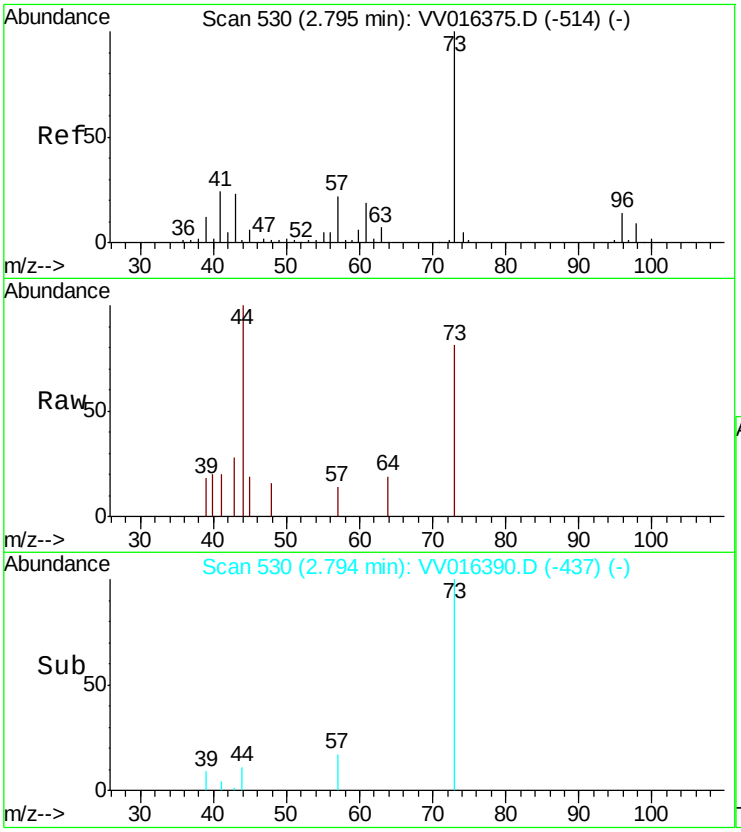


#13
Acetone
Concen: 5.957 ug/L
RT: 2.23 min Scan# 354
Delta R.T. -0.03 min
Lab File: VV016390.D
Acq: 31 May 2020 16:14

Tgt Ion: 43 Resp: 5388

Ion	Ratio	Lower	Upper
43	100		
58	46.2	0.0	59.2



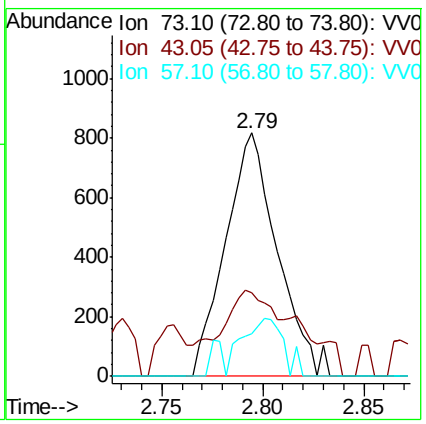


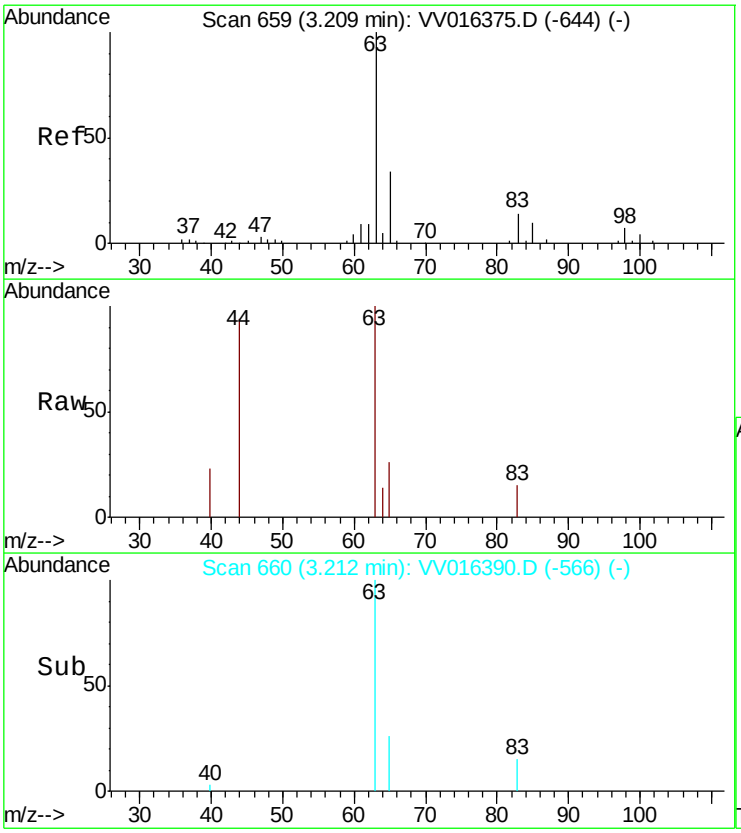
#17
Methyl tert-butyl Ether
Concen: 0.137 ug/L
RT: 2.79 min Scan# 530
Delta R.T. -0.00 min
Lab File: VV016390.D
Acq: 31 May 2020 16:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 73 Resp: 1468

Ion	Ratio	Lower	Upper
73	100		
43	18.3	19.4	29.0#
57	19.1	18.4	27.6

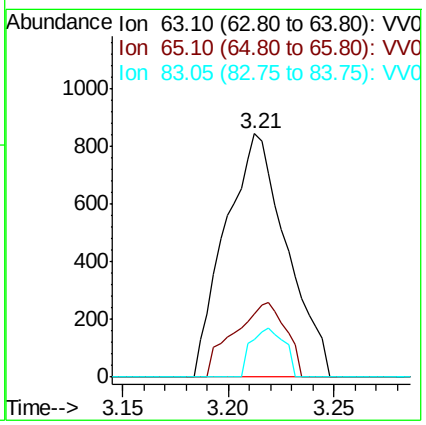


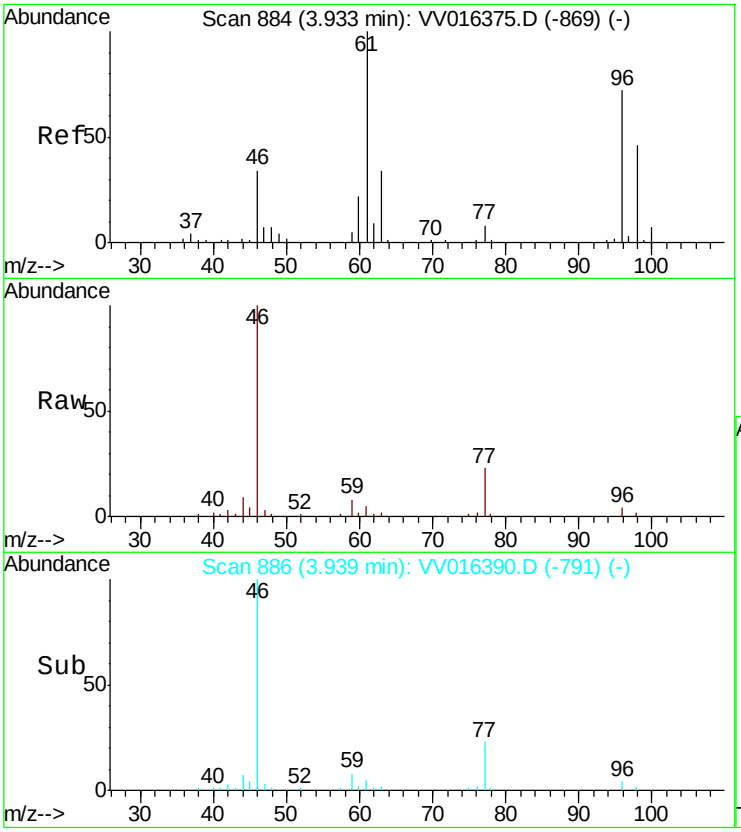


#19
1,1-Dichloroethane
Concen: 0.177 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.00 min
Lab File: VV016390.D
Acq: 31 May 2020 16:14

Tgt Ion: 63 Resp: 1700

Ion	Ratio	Lower	Upper
63	100		
65	26.1	23.3	43.3
83	15.3	9.9	18.3



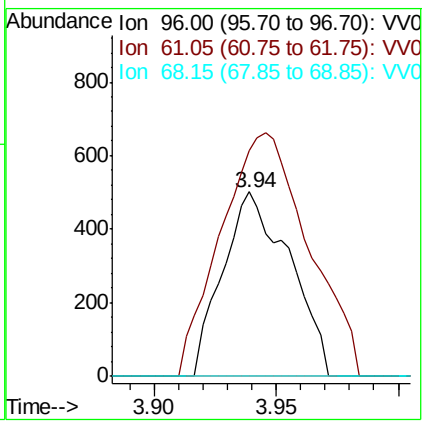


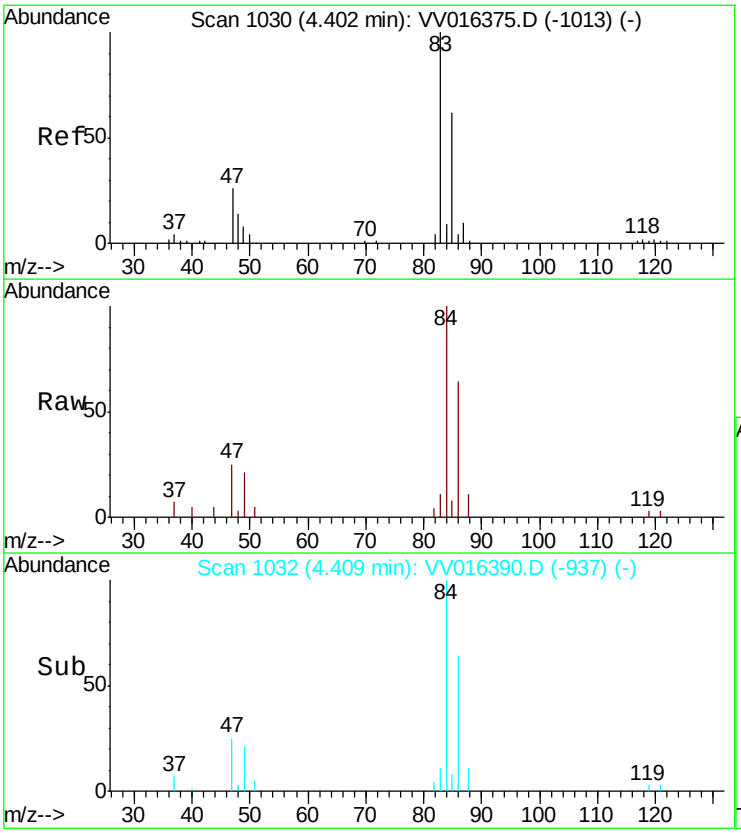
#22
cis-1,2-Dichloroethene
Concen: 0.178 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV016390.D
Acq: 31 May 2020 16:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 956

Ion	Ratio	Lower	Upper
96	100		
61	122.1	94.8	176.0
68	0.0	0.0	0.0

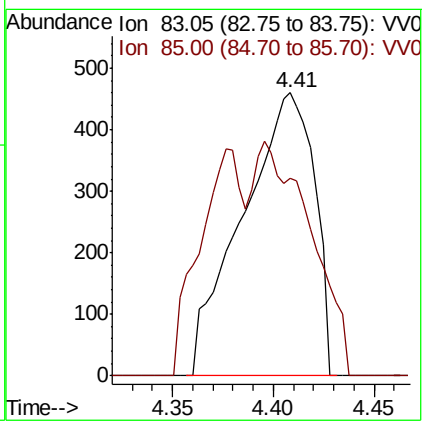


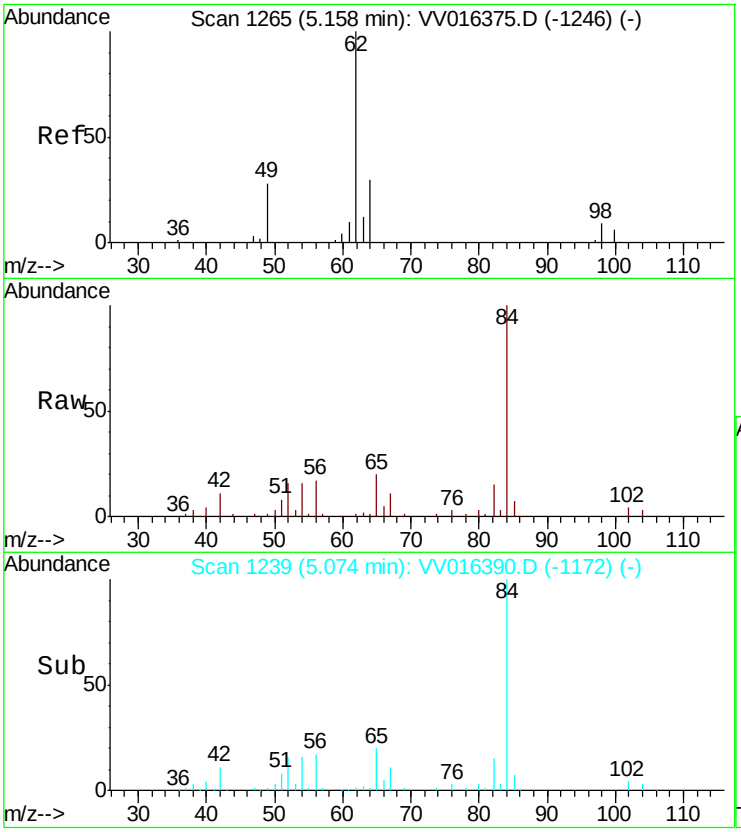


#25
Chloroform
Concen: 0.118 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV016390.D
Acq: 31 May 2020 16:14

Tgt Ion: 83 Resp: 1130

Ion	Ratio	Lower	Upper
83	100		
85	69.8	45.8	85.2



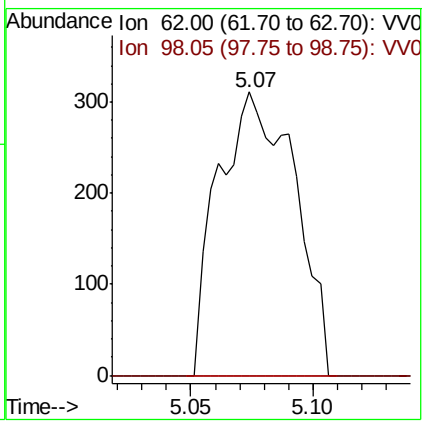


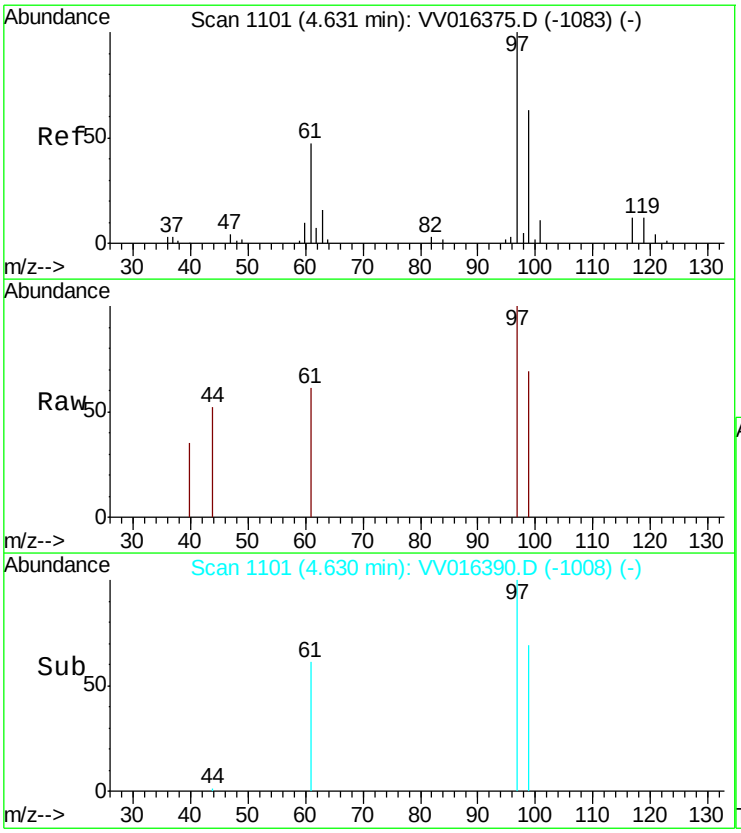
#27
1,2-Dichloroethane
Concen: 0.107 ug/L
RT: 5.07 min Scan# 1239
Delta R.T. -0.08 min
Lab File: VV016390.D
Acq: 31 May 2020 16:14

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 680

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.0	10.4#

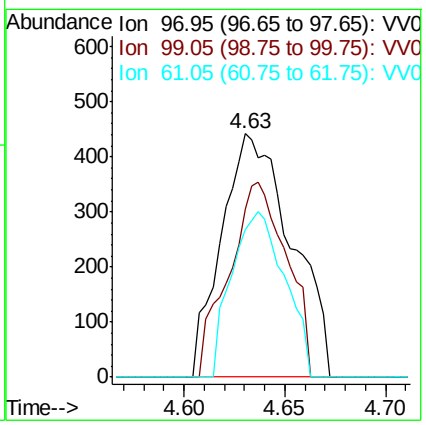


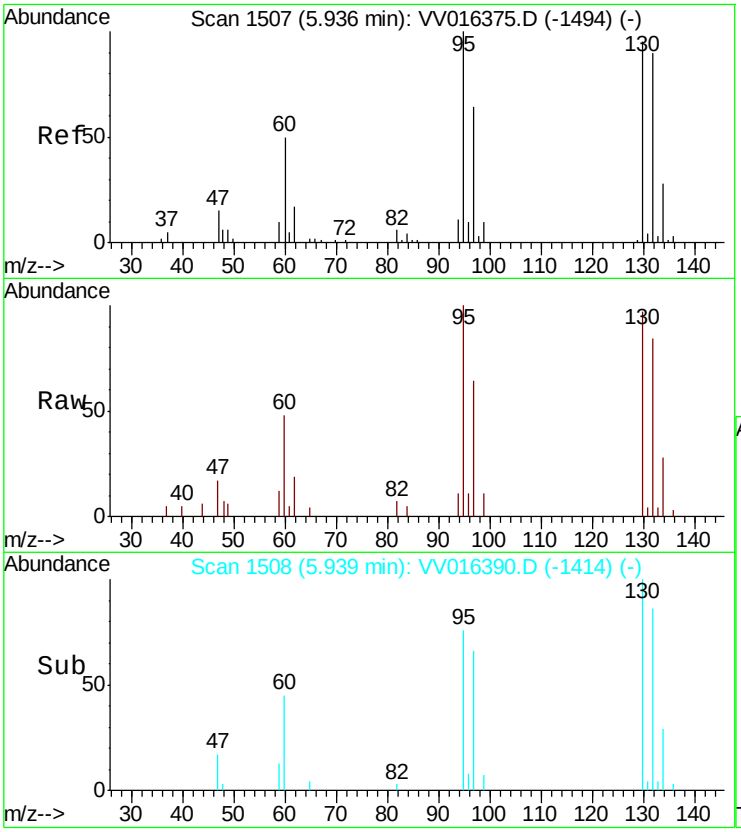


#29
1,1,1-Trichloroethane
Concen: 0.133 ug/L
RT: 4.63 min Scan# 1101
Delta R.T. -0.00 min
Lab File: VV016390.D
Acq: 31 May 2020 16:14

Tgt Ion: 97 Resp: 1066

Ion	Ratio	Lower	Upper
97	100		
99	66.0	52.0	78.0
61	52.0	39.8	59.6



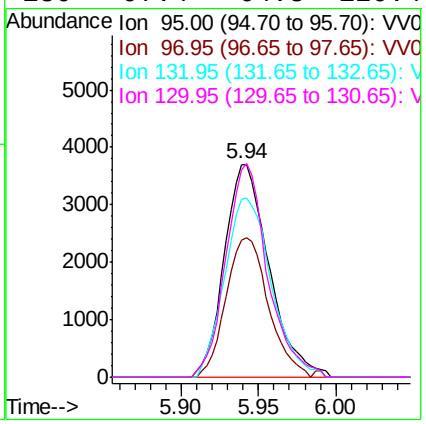


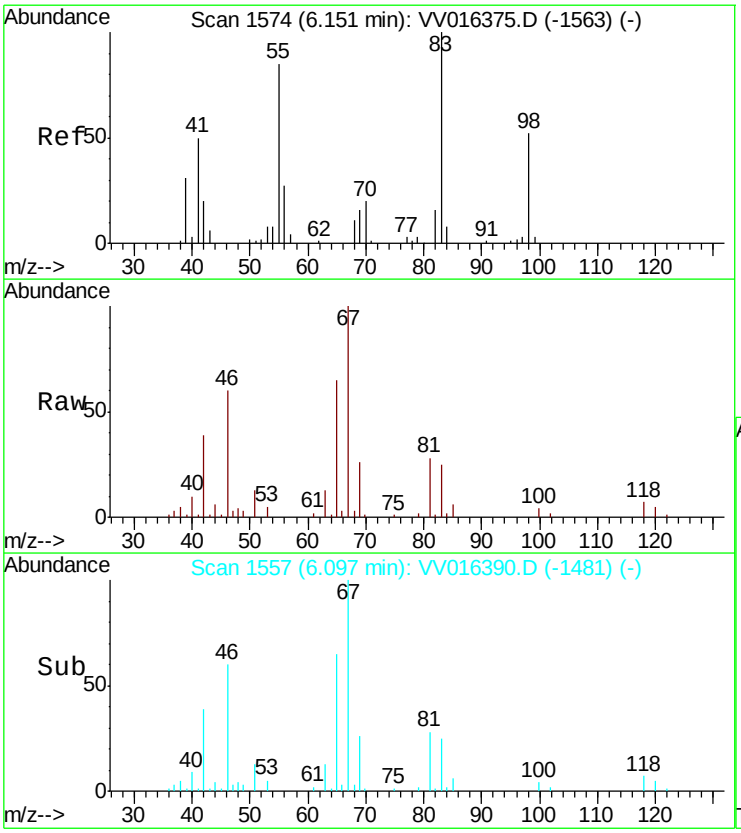
#34
Trichloroethene
Concen: 1.413 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV016390.D
Acq: 31 May 2020 16:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 7451

Ion	Ratio	Lower	Upper
95	100		
97	64.1	42.6	79.0
132	83.9	59.6	110.8
130	97.4	64.8	120.4

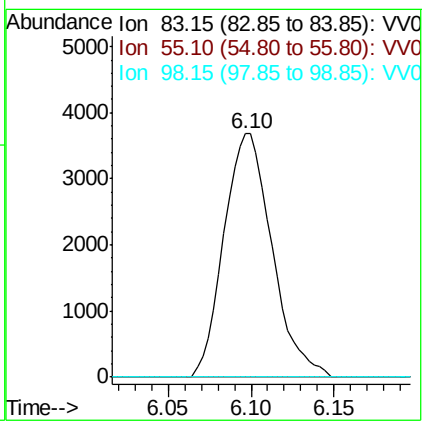


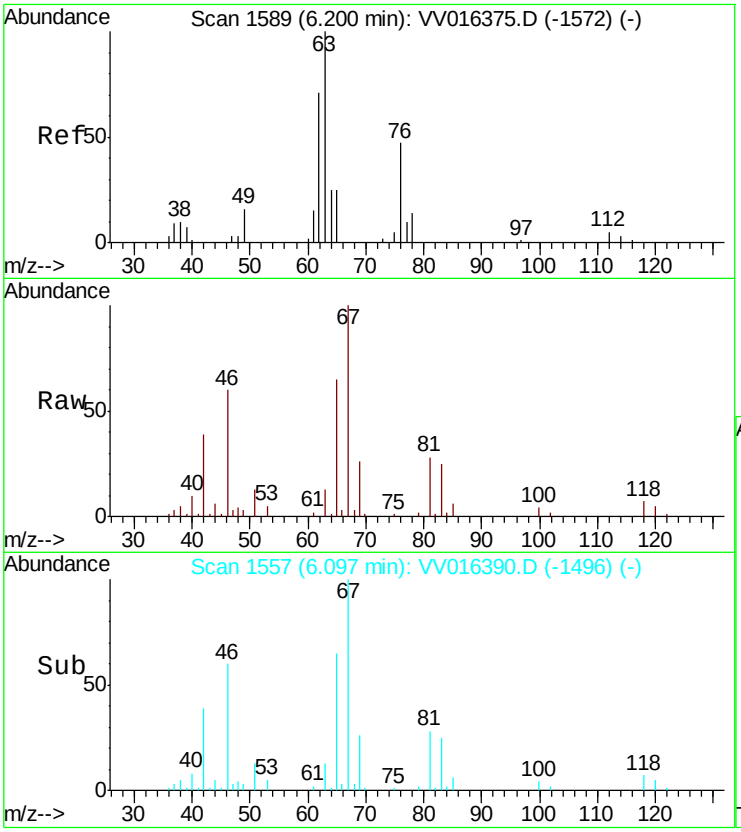


#35
Methylcyclohexane
Concen: 0.874 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016390.D
Acq: 31 May 2020 16:14

Tgt Ion: 83 Resp: 7420

Ion	Ratio	Lower	Upper
83	100		
55	0.0	67.0	100.4#
98	1.3	39.0	58.4#



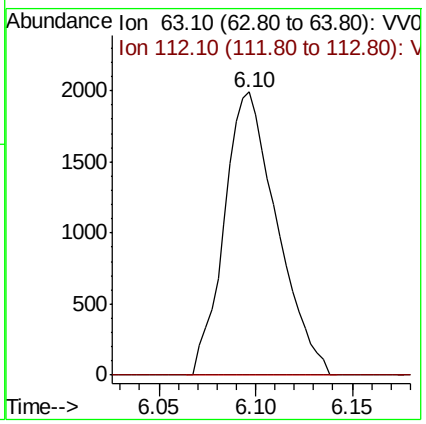


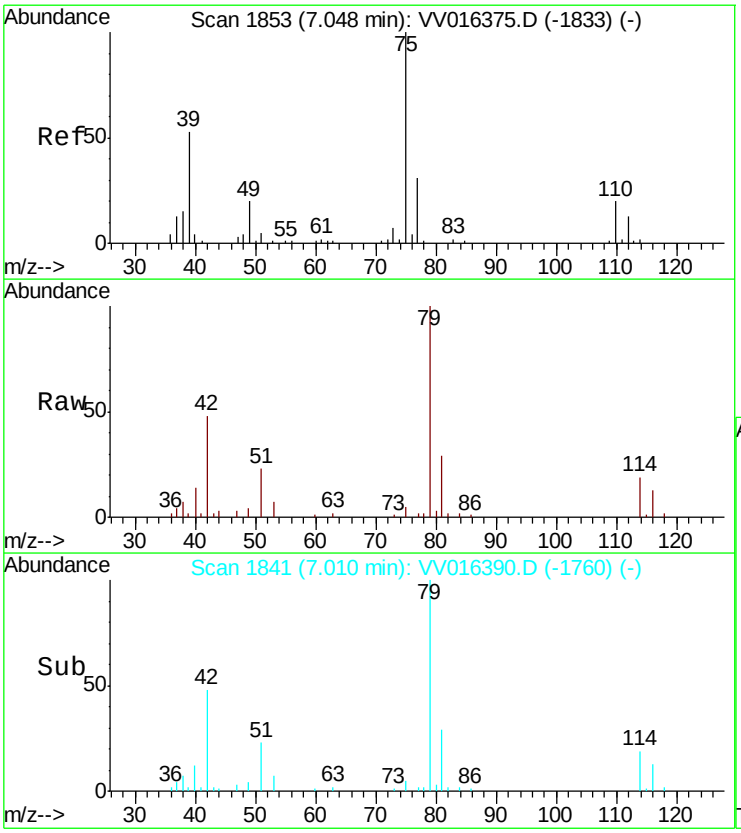
#37
1,2-Dichloropropane
Concen: 0.741 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016390.D
Acq: 31 May 2020 16:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 3769

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#

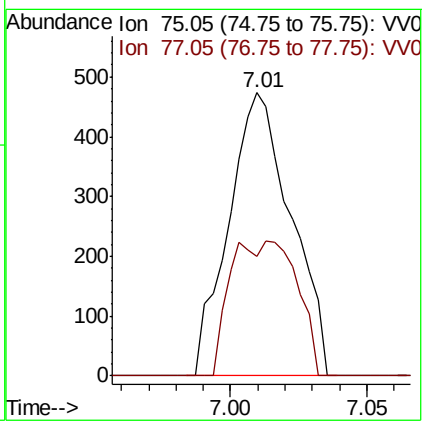


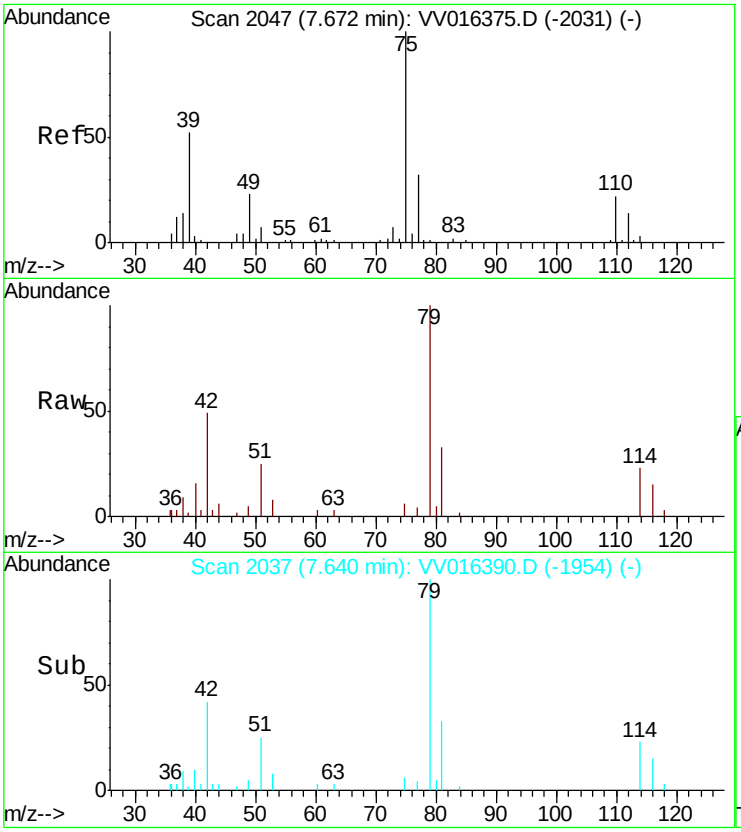


#39
cis-1,3-Dichloropropene
Concen: 0.112 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV016390.D
Acq: 31 May 2020 16:14

Tgt Ion: 75 Resp: 753

Ion	Ratio	Lower	Upper
75	100		
77	42.5	22.0	41.0#



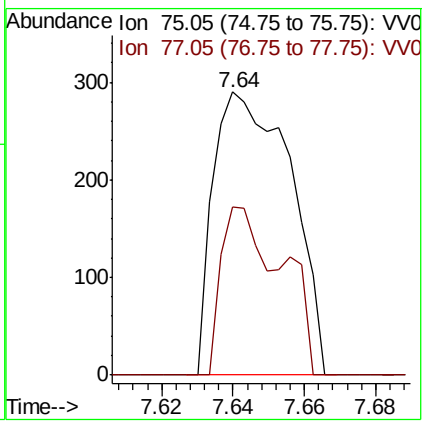


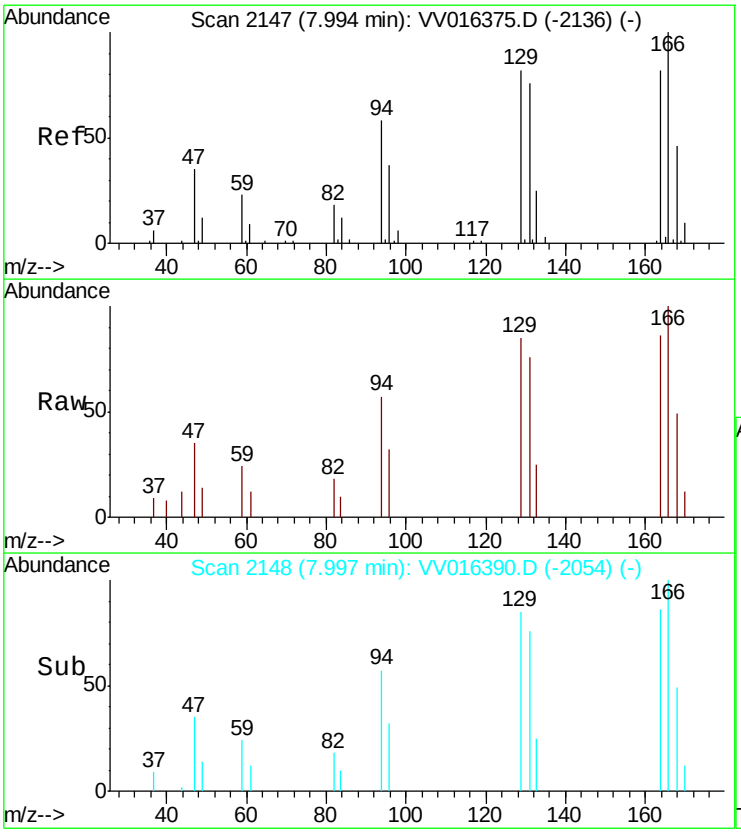
#46
trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV016390.D
Acq: 31 May 2020 16:14

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 433

Ion	Ratio	Lower	Upper
75	100		
77	59.3	21.1	39.3#

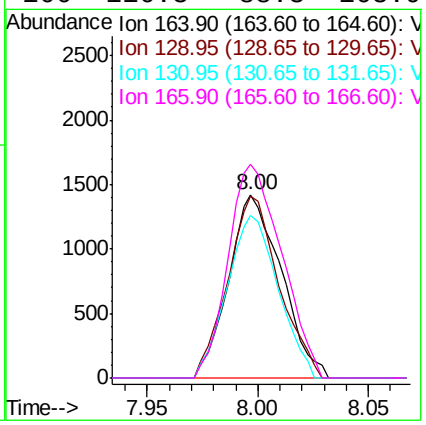


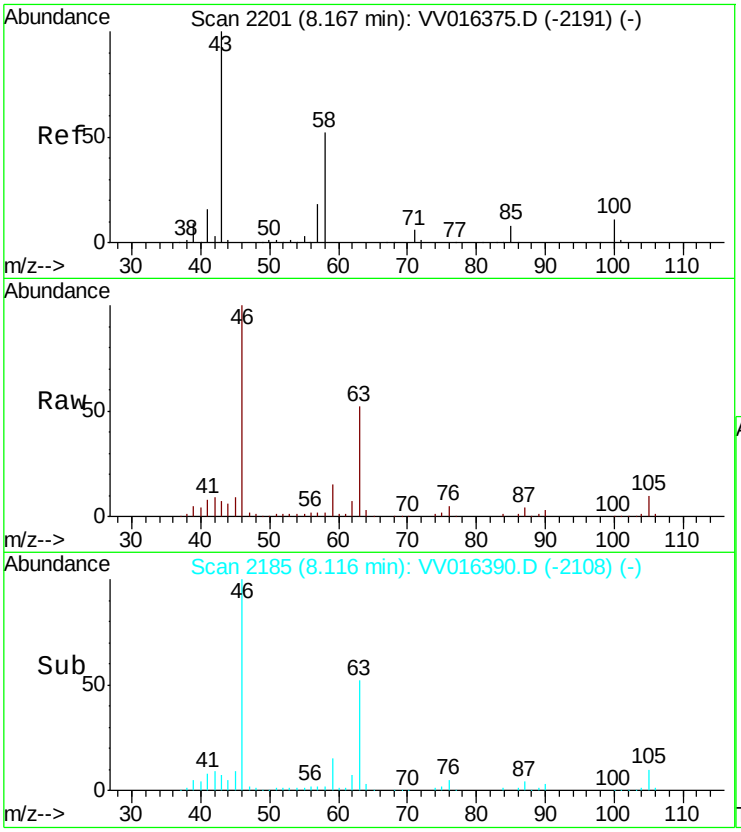


#49
Tetrachloroethene
Concen: 0.606 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV016390.D
Acq: 31 May 2020 16:14

Tgt Ion:164 Resp: 2342

Ion	Ratio	Lower	Upper
164	100		
129	98.9	72.2	134.0
131	88.3	65.8	122.2
166	116.3	88.3	163.9



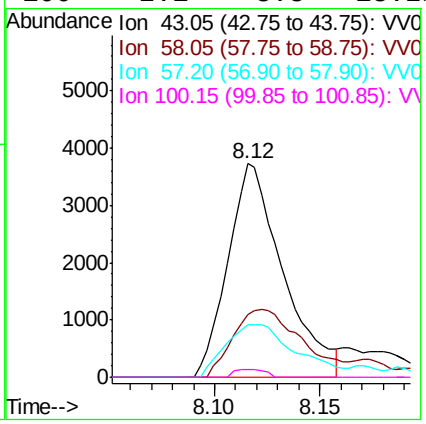


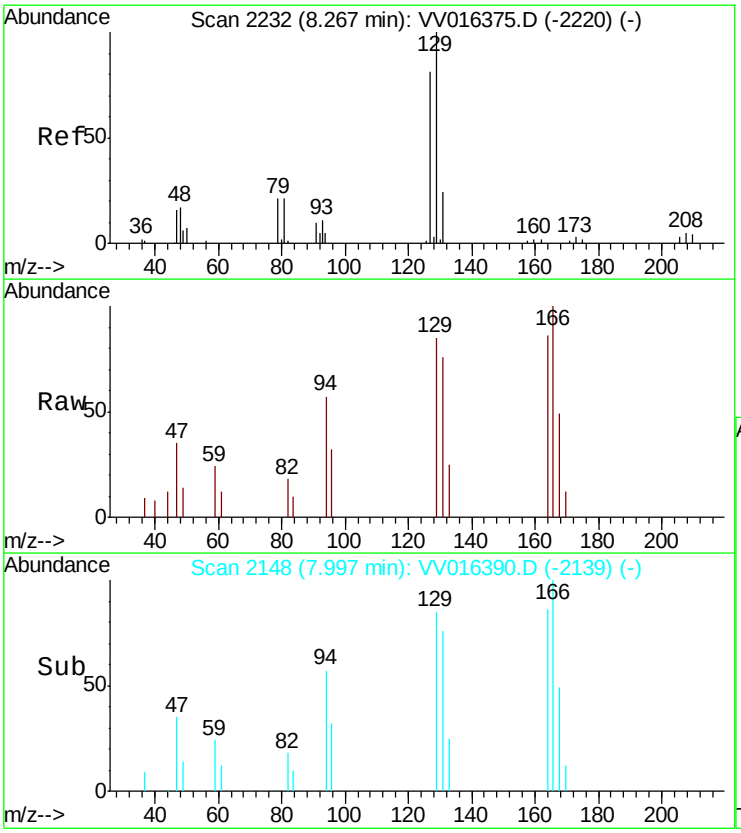
#50
2-Hexanone
Concen: 3.157 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016390.D
Acq: 31 May 2020 16:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 6762

Ion	Ratio	Lower	Upper
43	100		
58	39.5	41.1	61.7#
57	31.5	14.2	21.4#
100	2.1	8.8	13.2#

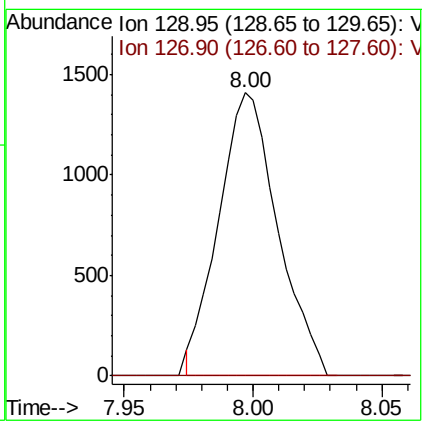


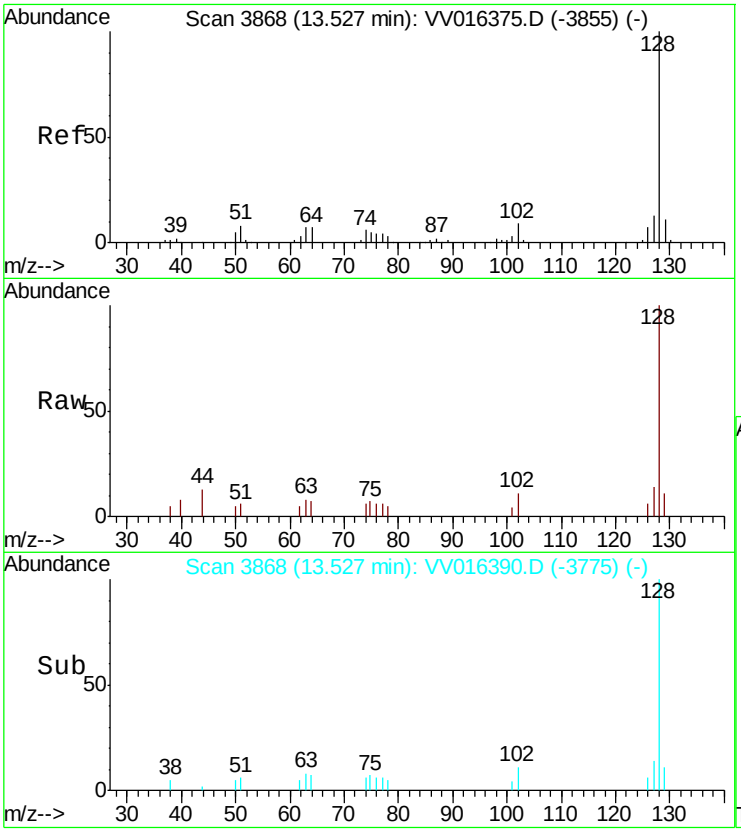


#51
Dibromochloromethane
Concen: 0.658 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV016390.D
Acq: 31 May 2020 16:14

Tgt Ion:129 Resp: 2238

Ion	Ratio	Lower	Upper
129	100		
127	0.0	57.0	105.8#





#70
Naphthalene
Concen: 0.289 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. -0.00 min
Lab File: VV016390.D
Acq: 31 May 2020 16:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 3822

Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.6	12.8
127	12.7	10.7	16.1